

ABSTRACT OF THE DISCLOSURE

A fire suppression system adapted for use in a lavatory of an aircraft. The system includes a water supply coupled to one or more fluid discharge nozzles via one or more fluid flow lines. A pressure source in communication with the fluid flow lines provides pressure to assist in supplying a pressurized flow of fluid through the flow line(s) to the nozzles(s). The fire suppression system creates a spray of water capable of suppressing fires within a waste container area or within the entire lavatory area. Heat sensitive valves enable the system to automatically detect the start of a fire. Furthermore, the system is capable of using the potable water supply of the aircraft or it can be self-contained with its own water supply reservoir. If self-contained, the system includes a pressurized fluid source to assist in supplying water to the discharge nozzle(s).